

**AMENDMENTS TO THE CLAIMS:**

Claims 1-24 and 39-48 are currently pending in the subject application. Claims 25-38 have been canceled herein. Claims 1, 6, 8, 12-24, and 39-40 have been amended herein. All claims currently pending and under consideration in the above-identified application are shown below. This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A computer-implemented method for determining an amount of work provided by a health care provider for one or more patients, the method comprising:

obtaining data for one or more patients directly from a primary clinical information system;

~~calculating, with a computer processor, utilizing the data to calculate a~~  
work score for each of the one or more patients utilizing the data, wherein the work score indicates a quantity of personnel hours anticipated to serve each of the one or more patients; and

storing the work score.

2. (Previously Presented) The method of claim 1, further comprising:  
receiving a request for a work score for each of the one or more patients.

3. (Previously Presented) The method of claim 2, further comprising:  
obtaining factors that indicate work for each of the one or more patients.

4. (Previously Presented) The method of claim 3, further comprising:

determining which of the factors are triggered by the data for each of the one or more patients.

5. (Original) The method of claim 4, wherein each factor has one or more assigned values.

6. (Currently Amended) The method of claim 5, further comprising:  
adjusting the value of one or more ~~triggered~~ factors triggered by the data based on rules ~~if needed~~.

7. (Original) The method of claim 5, further comprising:  
obtaining rules for generating a work score for each of the one or more patients.

8. (Currently Amended) The method of claim 7, further comprising:  
utilizing the rules of ~~triggered~~ factors triggered by the data values to generate a work score for each of the one or more patients.

9. (Original) The method of claim 1, wherein the data is one of outstanding orders, outstanding tasks, complete orders, completed tasks, services provided by personnel over a period of time, scheduled procedures, scheduled outpatient care, assigned tasks, assigned orders, assessment, tasks, services typically delivered for a specific patient or patient type and combinations thereof.

10. (Original) The method of claim 1, wherein the work score is prospective.

11. (Original) The method of claim 1, where the work score is retrospective.

12. (Currently Amended) ~~A computer implemented method for determining the amount of health care provider work for a population of patients, One or more computer storage media having computer-executable instructions embodied thereon, that when executed by a computing system having a processor and memory, cause the computing system to perform a method,~~ the method comprising:

calculating, with the processor, a work score for each patient in a patient population utilizing data obtained directly from a primary clinical information system ~~to calculate a work score for each patient in a patient population~~, wherein the work score is a value that indicates an amount of work to treat each patient in the patient population;

storing the work score; and

calculating staffing needs for the population based on the work scores obtained for the patients in the patient population.

13. (Currently Amended) The media of claim 12, wherein the method further comprises: method of claim 12, further comprising:

receiving a request for the work score for the patient population.

14. (Currently Amended) The media of claim 13, wherein the method further comprises: method of claim 13, further comprising:

determining the patients in the population.

15. (Currently Amended) The media of claim 14, wherein the method further comprises: method of claim 14, further comprising:

obtaining ~~[[the]]~~ work factors for the population.

16. (Currently Amended) The media of claim 15, wherein the method further comprises: method of claim 15, further comprising:

determining which of the factors are triggered by the data for each patient in the population.

17. (Currently Amended) The ~~method~~ media of claim 15, wherein each factor has an assigned value.

18. (Currently Amended) The media of claim 17, wherein the method further comprises: method of claim 17, further comprising:

adjusting the value of one or more ~~triggered~~ factors triggered by the data, if needed.

19. (Currently Amended) The media of claim 17, wherein the method further comprises: method of claim 17, further comprising:

obtaining rules for generating a work score for each patient in the population.

20. (Currently Amended) The media of claim 19, wherein the method further comprises: method of claim 19, further comprising:

utilizing the rules and ~~triggered~~ values of factors triggered by the data values to generate a work score for each patient in the population.

21. (Currently Amended) The media of claim 20, wherein the method further comprises: method of claim 20, further comprising:

accumulating the work scores for all patients in the population.

22. (Currently Amended) The media of claim 21, wherein the method further comprises: method of claim 21, further comprising:

obtaining staffing standards for the population.

23. (Currently Amended) The media of claim 22, wherein the method further comprises: method of claim 22, further comprising:

calculating staffing needs based on the work scores obtained for the patients in the patient population and the staffing standards for the population.

24. (Currently Amended) The ~~method~~ media of claim 12, wherein the data is one of outstanding orders, outstanding tasks, completed orders, completed tasks, services provided by personnel over a period of time, scheduled procedures, scheduled outpatient care, assigned tasks, assigned orders, assessments, tasks, services typically delivered for a specific patient or patient type and combinations thereof.

25-38. (Canceled).

39. (Currently Amended) One or more computer storage media ~~A computer-readable medium~~ having computer-executable instructions embodied thereon that when executed by a computing system having a processor and memory, cause the computing system to perform for performing a method, the method comprising:

obtaining data for one or more patients directly from a primary clinical information system; and

utilizing the data to calculate work for the one or more patients, wherein work includes a measure of of personnel hours anticipated for the one or more patients.

40. (Currently Amended) ~~A computer-readable medium having computer-executable instructions embodied thereon for performing a method;~~ A computer-implemented method for determining the amount of health care provider work for a population of patients, the method comprising:

calculating, with a computer processor, a work score for each patient in a patient population utilizing data obtained directly from a primary clinical information system ~~to calculate a work score for each patient in a patient population~~, wherein the work score is a quantity of personnel hours required to serve each patient in the patient population by a healthcare provider;

storing the work score; and

calculating staffing needs for the patient population based on the work scores obtained for the each patient in the patient population.

41. (Original) A computerized system for optimizing personnel planning in a healthcare organization, the system comprising:

a work calculation module for calculating a work score for one or more patients;

a staff scheduling and staffing module for identifying healthcare personnel positions to be filled;

role management module for managing the roles and information regarding personnel;

a workforce outcomes module for determining how effectively healthcare personnel have been used;

a demand forecast module for forecasting the volume and type of patients who will present; and

a resource dashboard module for displaying information regarding personnel and patients.

42. (Original) The system of claim 41, further comprising:

an enterprise scheduling module for identifying information regarding appointments for outpatient procedures.

43. (Original) The system of claim 42, further comprising:

a shift assignment module for displaying one of the capacity, availability and combinations thereof of personnel currently working.

44. (Original) The system of claim 43, further comprising:

a registration module for identifying and tracking patient registration census and activity.

45. (Original) The system for claim 44, further comprising:

a medical records module for capturing and storing patient data.

46. (Original) The system of claim 45, further comprising:

a patient severity module for providing information regarding the status and conditions of patients.

47. (Original) The system of claim 46, further comprising:

a departmental tracking module for tracking patients through different departments.

48. (Original) The system of claim 47, further comprising:  
a personal work queue module for tracking and displaying work to be performed by individual personnel.